

Claims

- [c1] A cable end connector assembly, comprising:
an insulative housing comprising a first wall and a second wall opposite to the first wall;
a plurality of electrical contacts received in the insulative housing;
a cable electrically terminated with the electrical contacts; and
a pull tab assembled to the insulative housing and comprising a pulling section and a pair of fastening sections respectively engaging with the first and the second walls of the insulative housing.
- [c2] OLE_LINK2The cable end connector assembly as claimed in claim 1, whereinOLE_LINK2 the insulative housing forms a pair of protrusions on each of the first and the second walls, and wherein each fastening section of the pull tab forms a pair of posts respectively engaging with the pair of protrusions of the insulative housing.
- [c3] The cable end connector assembly as claimed in claim 2, wherein each protrusion of the insulative housing defines a recess therein, and wherein each post of the fastening section of the pull tab is received in a corre-

sponding recess.

- [c4] The cable end connector assembly as claimed in claim 3, wherein each protrusion defines an opening communicating with the recess thereof, and wherein the posts of the pull tab respectively protrude into the openings.
- [c5] The cable end connector assembly as claimed in claim 2, wherein each fastening section of the pull tab comprises a pair of spaced branches, and wherein the posts are respectively formed on free ends of the branches.
- [c6] The cable end connector assembly as claimed in claim 5, wherein each branch comprises a column section, and wherein the post extends along a direction perpendicular to a longitudinal axis of the column section.
- [c7] The cable end connector assembly as claimed in claim 6, wherein the column section comprises a stop section protruding outwardly from a periphery of the column section and abutting against a rear face of the protrusion for preventing a movement of the pull tab.
- [c8] The cable end connector assembly as claimed in claim 1, wherein the insulative housing comprises a base and a mating portion extending forwardly from the base, and wherein the mating portion is D-shaped.

- [c9] The cable end connector assembly as claimed in claim 8, wherein the insulative housing comprises a guiding post extending forwardly from one end of the base adapted for engaging with a complementary connector.
- [c10] The cable end connector assembly as claimed in claim 8, wherein the insulative housing comprises a pair of engaging portions extending outwardly from opposite ends of the base, and wherein the cover comprises a pair of latches extending forwardly therefrom to respectively engage with the pair of engaging portions of the insulative housing.
- [c11] The cable end connector assembly as claimed in claim 1, wherein the insulative housing comprises a mating face and a termination face opposite to the mating face, and wherein the insulative housing defines a plurality of passageways extending from the termination face toward the mating face to receive the electrical contacts.
- [c12] The cable end connector assembly as claimed in claim 11, wherein each electrical contact comprises a contacting portion received in a corresponding passageway of the insulative housing and an insulation displacement portion extending oppositely from the contacting portion and exposed beyond the termination face of the insulative housing to electrically connected with the cable.

[c13] The cable end connector assembly as claimed in claim 1, further comprising a cover assembled to the insulative housing and securely attaching the cable to the electrical contacts.

[c14] The cable end connector assembly as claimed in claim 13, wherein the cover forms a pair of latches extending outwardly therefrom, and wherein the insulative housing forms a pair of engaging portions respectively engaging with the pair of latches of the cover.

[c15] A cable end connector assembly comprising:
an insulative housing defining two opposite end sections thereof along an lengthwise direction thereof;
a plurality of contacts disposed in the housing;
a flat cable engaged with the contacts;
an insulative cover cooperating with the housing to sandwich the flat cable therebetween;
a pull tab located above the cover and defining a pair of bifurcate fastening sections at two opposite ends thereof respectively latchably engaged with said two opposite end sections, each of said fastening sections including a pair of spaced branches commonly straddling above the cover while respectively received in a corresponding pair of openings in the housing; wherein
said pair of openings are located in opposite sides of the

housing along a lateral direction perpendicular to said lengthwise direction.

[c16] The cable end connector assembly as claimed in claim 15, wherein said pull tab is assembled to the housing in a preloaded manner, thereby resulting in opposite inward forces against the housing in said lengthwise direction wherein said opposite inward forces are compliant with forces generated by upwardly pulling the pull tab away from the cover.

[c17] The cable end connector assembly as claimed in claim 16, wherein said cover is essentially segregated from all of said forces.

[c18] A cable end connector assembly comprising:
an insulative housing;
a plurality of contacts disposed in the housing;
a flat cable engaged with the contacts;
an insulative cover cooperating with the housing to sandwich the flat cable therebetween;
a pull tab located above the cover and defining a pair of fastening sections at two opposite ends thereof respectively latchably engaged with said two opposite end sections, each of said fastening sections including at least a tip post received in a corresponding opening in the housing;

said housing further including a recess in communication with the opening and facing toward the pull tab; wherein

the tip post is initially rotated to be compliantly oriented with the recess for insertion and successively rotatably resumes to a original radial position for reception in the opening while avoiding withdrawal from the recess.

[c19] The cable end connector assembly as claimed in claim 18, wherein said pull tab is assembled to the housing in a preloaded manner, thereby resulting in opposite inward forces against the housing in said lengthwise direction wherein said opposite inward forces are compliant with forces generated by upwardly pulling the pull tab away from the cover.